

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0330001001](#)
Status: **Active**
Overview: [MX150 Sealed and Unsealed Connector System](#)
Description: MX150 Male Terminal for Mat-Sealed or Unsealed Connectors, Tin Plating, 14 AWG, Left Reel Payoff

Documents:

Drawing (PDF)	Packaging Specification 313025040-000 (PDF)
Application Specification AS-33000-001-001 (PDF)	Test Summary TS-33000-001-001 (PDF)
Application Specification AS-33000-001-CH-001 (PDF)	Datasheet (PDF)
Application Specification AS-33000-001-FR-001 (PDF)	RoHS Certificate of Compliance (PDF)

General

Product Family	Crimp Terminals
Series	33000
Application	Power, Wire-to-Board, Wire-to-Wire
Comments	Left Reel Payoff
Crimp Quality Equipment	Yes
Overview	MX150 Sealed and Unsealed Connector System
Product Name	MX150
Taxonomy	Crimp Terminals
UPC	756054586280

Physical

Durability (mating cycles max)	25
Gender	Male
Grip Code	14
Material - Metal	High Performance Alloy (HPA)
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.481/g
Packaging Type	Reel
Plating min - Mating	0.508µm
Plating min - Termination	0.508µm
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	2.70mm max.
Wire Size AWG	14
Wire Size mm ²	1.50

Electrical

Current - Maximum per Contact	Contact Molex
Voltage - Maximum	14V DC

Solder Process Data

Lead-free Process Capability	N/A
------------------------------	-----

Material Info

Reference - Drawing Numbers

Application Specification	AS-33000-001-001, AS-33000-001-CH-001, AS-33000-001-FR-001
Packaging Specification	313025040-000
Sales Drawing	SD-33000-001-001, SD-33481-0001-001
Test Summary	TS-33000-001-001



Series image - Reference only

EU ELV

Compliant

EU RoHS

Compliant

REACH SVHC

Not Contained Per - D(2022)4187-DC (10 June 2022)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Compliant

Not Contained

Search Parts in this Series

[33000 Series](#)

Use With

[33482](#) Dual Row Housing, [33481](#) Single Row Housing, [33486](#) Hybrid Housing

Application Tooling | FAQ

Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

Global

Description

Product #

Extraction Toolkit for MX150 Connectors	2002220700
FA2 Mechanical Feed Crimp Applicator for MX150 Crimp Terminals, 14 AWG, 1.50mm ² and 2.00mm ² Wire	638087900
FA2 Pneumatic Feed Crimp Applicator	638087910

for MX150 Crimp
Terminals, 14
AWG, 1.50mm² and
2.00mm² Wire
PremiumGrade 638112400
Hand Crimp
Tool for 1.50mm
MX150 Blade Male
Terminals, 14-16
AWG
Extraction Tool for 638131500
MX150L, MX150, PT
Bulb Socket, iGrid,
SPOX, and Wire-to-
Motor Terminals
FineAdjust Applicator639041000
for SRC Connector
using MX150 (M3)
Blade Terminals,
1.50mm² wires
FineAdjust Applicator639041100
for SRC Connector
using MX150 (M3)
Blade Terminals,
2.00mm² wires

This document was generated on 08/27/2022

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION